

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if known**

Application Number	09/750,990
Filing Date	December 28, 2000
First Named Inventor	Jorn Borch Soe
Art Unit	1794
Examiner Name	Leslie A. Wong
Attorney Docket Number	674509-2028

Sheet	1	of	2
-------	---	----	---

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, where Relevant Passages or Relevant Figures Appear
		Number-Kind Code <sup>2</sup> (if known)			
/LAW/	A	US-6,726,942	05/30/2002	Soe, et al.	
/LAW/	B	US-6,936,289	10/16/2003	Olsen, et al.	
/LAW/	C	US-6,967,035	09/18/2003	Bojsen, et al.	
/LAW/	D	US-7,226,771	05/19/2005	Gramatikova, et al.	
/LAW/	E	US-4,567,046	01/28/1986	Inoue, et al.	

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
		Country Code <sup>3</sup> -Number <sup>4</sup> - Kind Code <sup>5</sup> (if known)				
/LAW/	F	WO 08/094847	8/7/2008	Bunge Oils, Inc.		<input type="checkbox"/>
/LAW/	G	EP 1 624 047	2/8/2006	De Smet Engineering NV		<input type="checkbox"/>
/LAW/	H	GB 2 264 429	9/1/1993	Elf Atochem NA, Inc.		<input type="checkbox"/>
/LAW/	I	CA 805618	2/4/1969	Dow Chemical Co.	Pgs. 1-4	<input type="checkbox"/>
/LAW/	J	JP 04-370055	12/22/1992	Kao Corp.	Abstract	<input type="checkbox"/>
/LAW/	K	JP 07-079687	3/28/1995	Mitsubishi Chem Corp.	Abstract	<input type="checkbox"/>
/LAW/	L	JP 48016612	12/29/1970	Eisai Co. Ltd.	Abstract	<input type="checkbox"/>

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
/LAW/	M	AOCIS Introduction to the Processing of Fats and Oils, American Oil Chemists Society (2003) p. III-16 to III-19	<input type="checkbox"/>
/LAW/	N	Briand, et al., Substrate Specificity of the Lipase from Candida Parapsilosis, Lipids (1995) Vol. 30, No. 8, p. 747-754	<input type="checkbox"/>
/LAW/	O	Chica, et al., Semi-rational Approaches to Engineering Enzyme Activity: Combining The Benefits Of Directed Evolution And Rational Design, Current Opinion in Biotechnology (2005) Vol. 16, p. 378-384	<input type="checkbox"/>
/LAW/	P	Sequence of Enzyme GCAT: Accession No. P10480 found at <a href="http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=protein&amp;id=118572649">http://www.ncbi.nlm.nih.gov/entrez/viewer.fcgi?db=protein&amp;id=118572649</a>	<input type="checkbox"/>

Examiner Signature	/Leslie Wong/	Date Considered	03/12/2009
--------------------	---------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of publication by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

Substitute for form 1449/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(Use as many sheets as necessary)

**Complete if known**

Application Number	09/750,990
Filing Date	December 28, 2000
First Named Inventor	Jorn Borch Soe
Art Unit	1794
Examiner Name	Leslie A. Wong
Attorney Docket Number	674509-2028

Sheet 2 of 2

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number Number-Kind Code <sup>2</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, where Relevant Passages or Relevant Figures Appear
		US-			
		US-			
		US-			

**FOREIGN PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document Country Code <sup>2</sup> -Number- Kind Code <sup>3</sup> (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, where Relevant Passages or Relevant Figures Appear	T <sup>6</sup>
						<input type="checkbox"/>
						<input type="checkbox"/>
						<input type="checkbox"/>

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>6</sup>
/LAW/	Q	Garzillo, et al., Production, Purification and Characterization of Glucose Oxidase from <i>Penicillium Variable</i> P16 <sup>1</sup> , Biotechnol. Appl. Biochem. (1995) Vol. 22, p. 169-178	<input type="checkbox"/>
/LAW/	R	International Dairy Federation Bulletin Document 1979, Document 116, Definition of Recombined Milk	<input type="checkbox"/>
/LAW/	S	Seffernick, et al., Melamine Deaminase and Atrazine Chlorohydrolase: 98 Percent Identical but Functionally Different, Journal of Bacteriology (2001) Vol. 183, No. 8, p. 2045-2410	<input type="checkbox"/>
/LAW/	T	Seino, et al., Enzymatic Synthesis of Carbohydrate Esters of Fatty Acid (1) Esterification of Sucrose, Glucose, Fructose and Sorbitol, JAOCs, (1984) Vol. 61, No. 11, p. 1761-1765	<input type="checkbox"/>
/LAW/	U	Sen, et al., Developments in Directed Evolution for Improving Enzyme Functions, Appl. Biochem. Biotechnol (2007) Vol. 143, No. 3, p. 212-223	<input type="checkbox"/>
/LAW/	V	L. Stryer (1981) Biochemistry 2 <sup>nd</sup> Ed. W. H. Freeman and Co. San Francisco	<input type="checkbox"/>
/LAW/	W	Witkowski, et al., Conversion of a $\beta$ -Ketoacyl Synthase to a Malonyl Decarboxylase by Replacement of the Active-Site Cysteine with Glutamine, Biochemistry (1999) Vol. 38, p. 11643-11650	<input type="checkbox"/>
/LAW/	X	Garcia, et al., 1,2-Diacyl-sn-glycerol: Sterol Acyl Transferase from Spinach Leaves ( <i>Spinacia oleracea</i> L.), Methods of Enzymology (1981) Vol. 71, p. 768-772	<input type="checkbox"/>
/LAW/	Y	Verenium Corporation leaflet Purifine® Enzyme January 2008	<input type="checkbox"/>

Examiner Signature	/Leslie Wong/	Date Considered	03/12/2009
--------------------	---------------	-----------------	------------

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST.16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language translation is attached. This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.